means of a label or tag permanently affixed to the locomotive and to the engine that the locomotive and/or the locomotive engine is covered by a certificate of conformity issued for the purpose of assuring achievement of emission standards prescribed under section 213 of the Act. This label or tag shall also contain information relating to control of emissions as prescribed under §92.212.

(b) The manufacturer or remanufacturer bears all cost obligation any dealer incurs as a result of a requirement imposed by paragraph (a) of this section. The transfer of any such cost obligation from a manufacturer or remanufacturer to a dealer through franchise or other agreement is prohibited.

(c) If a manufacturer or remanufacturer includes in an advertisement a statement respecting the cost or value of emission control devices or systems, the manufacturer or remanufacturer shall set forth in the statement the cost or value attributed to these devices or systems by the Secretary of Labor (through the Bureau of Labor Statistics). The Secretary of Labor, and his or her representatives, has the same access for this purpose to the books, documents, papers, and records of a manufacturer or remanufacturer as the Comptroller General has to those of a recipient of assistance for purposes of section 311 of the Act.

APPENDIX I TO PART 92—EMISSION RELATED LOCOMOTIVE AND ENGINE PARAMETERS AND SPECIFICATIONS

I. Basic Engine Parameters—Reciprocating Engines.
  1. Compression ratio.
  2. Type of air aspiration (natural, Roots blown, supercharged, turbocharged).
  3. Valves (intake and exhaust).
    a. Head diameter dimension.
    b. Valve lifter or actuator type and valve lash dimension.
  4. Camshaft timing.
    a. Valve opening—intake exhaust (degrees from TDC or BDC).
    b. Valve closing—intake exhaust (degrees from TDC or BDC).
    c. Valve overlap (degrees).
  5. Ports—two stroke engines (intake and/or exhaust).
    a. Flow area.
    b. Opening timing (degrees from TDC or BDC).
    c. Closing timing (degrees from TDC or BDC).
II. Intake Air System.
  1. Roots blower/supercharger/turbocharger calibration.
  2. Charge air cooling.
    a. Type (air-to-air; air-to-liquid).
    b. Type of liquid cooling (engine coolant, dedicated cooling system).
    c. Performance (charge air delivery temperature (°F) at rated power and one other power level under ambient conditions of 80 °F and 110 °F, and 3 minutes and 15 minutes after selecting rated power, and 3 minutes and 5 minutes after selecting other power level).
  3. Temperature control system calibration.
  4. Maximum allowable inlet air restriction.
III. Fuel System.
  1. General.
    a. Engine idle speed.
  2. Carburetion.
    a. Air-fuel flow calibration.
    b. Idle mixture.
    c. Transient enrichment system calibration.
    d. Starting enrichment system calibration.
    e. Altitude compensation system calibration.
    f. Hot idle compensation system calibration.
  3. Fuel injection—non-compression ignition engines.
    a. Control parameters and calibrations.
    b. Idle mixture.
    c. Fuel shutoff system calibration.
    d. Starting enrichment system calibration.
    e. Transient enrichment system calibration.
    f. Air-fuel flow calibration.
    g. Altitude compensation system calibration.
    h. Operating pressure(s).
    i. Injector timing calibration.
  4. Fuel injection—compression ignition engines.
    a. Control parameters and calibrations.
    b. Transient enrichment system calibration.
    c. Air-fuel flow calibration.
    d. Altitude compensation system calibration.
    e. Operating pressure(s).
    f. Injector timing calibration.
IV. Ignition System—non-compression ignition engines.
  1. Control parameters and calibration.
  2. Initial timing setting.
  3. Dwell setting.
  4. Altitude compensation system calibration.
  5. Spark plug voltage.
V. Engine Cooling System.
  1. Thermostat calibration.
VI. Exhaust System.

1. Maximum allowable back pressure.
VII. Exhaust Emission Control System.
1. Air injection system.
a. Control parameters and calibrations.
b. Pump flow rate.
2. EGR system.
a. Control parameters and calibrations.
b. EGR valve flow calibration.
3. Catalytic converter system.
a. Active surface area.
b. Volume of catalyst.
c. Conversion efficiency.
4. Backpressure.
VIII. Crankcase Emission Control System.
1. Control parameters and calibrations.
2. Valve calibrations.
IX. Auxiliary Emission Control Devices (AECD).
1. Control parameters and calibrations.
2. Component calibration(s).
X. Evaporative Emission Control System.
1. Control parameters and calibrations.
2. Fuel tank.
a. Volume.
b. Pressure and vacuum relief settings.

APPENDIX II TO PART 92—INTERPRETIVE RULING FOR § 92.705—REMEDIAL PLANS

The following is an interpretive ruling set forth previously by EPA for on-highway vehicles. EPA expects to apply the same principles to locomotives.

(1) The purpose of this ruling is to set forth EPA's interpretation regarding one aspect of a motor vehicle or motor vehicle engine manufacturer's recall liability under section 207(c)(1) of the Clean Air Act, 42 U.S.C. 7641(c)(1). This ruling will provide guidance to vehicle and engine manufacturers to better enable them to submit acceptable remedial plans.

(2) Section 207(c)(1) requires the Administrator to base a recall order on a determination that a substantial number of in-use vehicles or engines within a given class or category of vehicles or engines, although properly maintained and used, fail to conform to the regulations prescribed under section 202 when in actual use throughout their useful lives. After making such a determination, he shall require the manufacturer to submit a plan to remedy the nonconformity of any such vehicles or engines. The plan shall provide that the manufacturer will remedy, at the manufacturer's expense, all properly maintained and used vehicles which experienced the nonconformity during their useful lives regardless of their age or mileage at the time of repair.

APPENDIX III TO PART 92—SMOKE STANDARDS FOR NON-NORMALIZED MEASUREMENTS

TABLE III-1—EQUIVALENT SMOKE STANDARDS FOR NON-NORMALIZED MEASUREMENTS

Path length		Standards				
If the path length is:		Then the opacity may not exceed:				
cm	inches	Peak		Steady-State		
		3-sec	30-sec	Tier 0	Tier 1	Tier 2
10.0–19.9	3.94–7.86	7	5	4	3	2
20.0–29.9	7.87–11.80	13	10	7	6	4
30.0–39.9	11.81–15.74	19	14	10	8	6
40.0–49.9	15.75–19.68	24	18	13	11	9
50.0–59.9	19.69–23.61	29	23	16	13	11
60.0–69.9	23.62–27.55	34	26	19	16	13
70.0–79.9	27.56–31.49	38	30	22	18	14
80.0–89.9	31.50–35.42	43	34	25	21	16
90.0–99.9	35.43–39.36	46	37	27	23	18
100.0–109.9	39.37–43.30	50	40	30	25	20
110.0–119.9	43.31–47.23	53	43	32	27	22
120.0–129.9	47.24–51.17	56	46	35	29	23
130.0–139.9	51.18–55.11	59	49	37	31	25
140.0–149.9	55.12–59.05	62	51	39	33	27
150.0–159.9	59.06–62.98	65	54	41	35	28
160.0–169.9	62.99–66.92	67	56	43	37	30
170.0–179.9	66.93–70.86	69	58	45	39	32
180.0–189.9	70.87–74.79	71	60	47	40	33
190.0–199.9	74.80–78.73	73	62	49	42	35
≥200	≥78.74	75	64	51	44	36